

WATER TEST REAGENT

For Laboratory Use Only

Form G-1 4/78

SMALL VOLUMES USED
CONTAINER SIZE RANGE
2 OUNCE - 1 GALLON MAXIMUM

MATERIAL SAFETY DATA SHEET

Section 1 - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME DEARBORN CHEMICAL CO., Subsidiary, W. R. Grace & Co.	EMERGENCY PHONE NO. 312/438-8241
ADDRESS 300 Genesee St., Lake Zurich, IL 60047	
CHEMICAL NAME AND SYNONYMS Hydrochloric acid, 1M	TRADE NAME OR CODE IDENT. Code 595

Section 2 - INGREDIENTS

	CAS No.	%	EXPOSURE CRITERIA
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Hydrochloric acid	7647-01-0	3	
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Section 3 - PHYSICAL DATA

BOILING POINT, 760mm Hg	<i>NK</i>	MELTING POINT	<i>N/A</i>
SPECIFIC GRAVITY (H ₂ O = 1)	<i>"</i>	VAPOR PRESSURE	<i>"</i>
VAPOR DENSITY (AIR = 1)	<i>"</i>	SOLUBILITY IN H ₂ O, % BY WT.	Complete
% VOLATILES BY VOLUME	<i>"</i>	EVAPORATION RATE, _____ = 1	<i>"</i>
APPEARANCE AND ODOR	Clear liquid	pH	<i>NK</i>

Section 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (and Method Used) None	FLAMMABLE LIMITS in AIR, % by VOLUME LOWER UPPER	AUTO IGNITION TEMPERATURE <i>none</i>
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EXTINGUISHING MEDIA ☐ Water Fog ☐ Foam ☐ CO₂ ☐ Dry Chemical ☐ Other

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARD

Section 5 - REACTIVITY DATA

STABILITY (Normal Conditions) <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	CONDITIONS TO AVOID <i>none</i>
INCOMPATIBILITY (Materials to Avoid) <i>none</i>	

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	CONDITIONS TO AVOID <i>none</i>
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(over)

MATERIAL SAFETY DATA SHEET (Continued)

● Section 6 - HEALTH HAZARD INFORMATION

EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION

Avoid inhalation

INGESTION If swallowed, do not induce vomiting. Give milk of magnesia, milk, or large amount of water. Contact physician.

SKIN OR EYE CONTACT

soap and water.

Flush eyes with clear water. Contact physician. Wash skin with

EMERGENCY AND FIRST AID PROCEDURES

see above

● Section 7 - SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical exhaust is generally adequate for test use.

RESPIRATORY PROTECTION (Specify Type)

none

EYE PROTECTION

Safety glasses

GLOVES (Specify Type)

none

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

none

● Section 8 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Use absorbent paper towel and discard in waste container. Rinse area of spill with water.

WASTE DISPOSAL METHOD

Dispose in chemical waste container. Destroy bottle.

● Section 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Dispose small amounts to drain using large amount of water to dilute. Dispose of larger amounts by placing capped bottle in container for authorized chemical scavenger service.

OTHER PRECAUTIONS

Shipping Name: DOT Consumer Commodity ORM-D

IATA

Prepared By W. M. Morris

Date: 8/79